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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/635,250	08/06/2003	James C. Hunziker	584-35278-US	9426
24923	7590	10/14/2005		
PAUL S MADAN			EXAMINER	
MADAN, MOSSMAN & SRIRAM, PC			WHITTINGTON, KENNETH	
2603 AUGUSTA, SUITE 700				ART UNIT
HOUSTON, TX 77057-1130				PAPER NUMBER
			2862	

DATE MAILED: 10/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)
	10/635,250	HUNZIKER ET AL.
	Examiner Kenneth J. Whittington	Art Unit 2862

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 05 September 2005.  
 2a) This action is FINAL.                    2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 9,10,12-19,21,22 and 24-28 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) Claim(s) 15,22 and 24-27 is/are allowed.  
 6) Claim(s) 9,10,12,17-19,21 and 28 is/are rejected.  
 7) Claim(s) 13,14 and 16 is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on 29 July 2005 is/are: a) accepted or b) objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
     1. Certified copies of the priority documents have been received.  
     2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
     3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

Bot Ledyrh  
Primary Examiner

#### Attachment(s)

- 1) Notice of References Cited (PTO-892)  
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  
 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
     Paper No(s)/Mail Date \_\_\_\_\_.

- 4) Interview Summary (PTO-413)  
     Paper No(s)/Mail Date. \_\_\_\_\_.  
 5) Notice of Informal Patent Application (PTO-152)  
 6) Other: \_\_\_\_\_.

**DETAILED ACTION**

The Amendments filed July 29, 2005 and September 5, 2005 have been entered and considered. In view thereof, the objections to the drawings, specification and claim 18 have been withdrawn.

7

***Allowable Subject Matter***

Claim 15, 22 and 24-27 are allowed.

The following is an examiner's statement of reasons for allowance:

Regarding claim 15, it is allowable for the reasons stated in the Office Action mailed April 29, 2005.

Regarding claim 22, the prior art does not disclose a side entry leak protector having a circumferential channel and a conductor therein providing connections at an axial end and a circumferential outer surface, in combination with the other features of the claim. Claims 24-27 are allowable for the same reasons because of there dependency to claim 22.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to 21 avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Claims 13, 14 and 16 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication  
7 of allowable subject matter:

Regarding claim 13, the prior art does not show the connector retained in a passage between two interior chambers of the housing, in combination with the other features of the claim. Claims 14 and 16 are have allowable subject matter for the same reason therefor because of their dependency to claim 13.

14

*Claim Rejections - 35 USC § 102*

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 9, 10, 12, 17-19, 21 and 28 are rejected under 35 U.S.C. 102(b) as being anticipated by Rettinger et al. (US 5,677,631), hereinafter Rettinger.

21        Regarding claims 9, 12, 17 and 21, Rettinger discloses flowline sensor for a borehole formation tester comprising:

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an outer housing (note while not specifically disclosed in Rettinger, housings are well known in the art and are necessary in borehole formation testers to which the device of Rettinger shown in FIG. 1 is installed, see Rettinger col. 12, lines 43-50 and claims);

7 an electrical device or component operatively associated with the housing (See Rettinger FIG. 1, items 10, 11, 21 or 22);

a connector retained within the housing comprising:

a body with a pair of axial ends (See FIGS. 1 and 2, item 13);

a conductive element retained within the body and interconnected with the electrical device through at least one axial end (See FIGS. 1 and 2, items 14 and 18);

14 associating a second electrical component or sensor with an exterior of the well tool (See FIGS. 1 and 2, item 16, note channels allows such sensor to be associated with the fluid to make fluid measurements);

a circumferential channel adapted to capture fluid therewithin (See FIGS. 1 and 2, items 25 and 26),

21 and a pair of seals disposed upon the body to preclude fluid flow (See FIG. 2, items 27-29).

Regarding claim 10, Rettinger discloses an electrical pin connector associated with the conductive element that connects

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the conductive element with an external conductor (See FIGS. 1 and 2, items 12 and 20).

Regarding claims 18 and 19, Rettinger discloses electrical connections between the sensor or second electronic component and the conductor within with connector; and between the connector and the electronic component within the housing 7 chamber (See FIGS. 1 and 2, note conductors 14 and 18 and connector pins 12 and 20).

Regarding claim 28, Rettinger discloses a sealing encasing the conductive element within the body to electrically isolate the element (See col. 12, line 66 to col. 13, line 5).

***Response to Arguments***

14       Applicant's arguments with respect to claims 9, 10, 12, 17-19, 21 and 28 have been considered but are moot in view of the new grounds of rejection.

It is noted that the claims were broadened via the Amendment filed September 5, 2005 by removing or modifying several features of the claims. After reviewing these amended claims in view of the prior art, the indication of allowable 21 subject matter of claim 12 was withdrawn and the rejected claims were readable on the Rettinger reference as discussed above.

**Prior Art**

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The newly cited prior art disclose conventional borehole formation testers.

**Conclusion**

7       Applicant's amendment necessitated the new grounds of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL.** See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

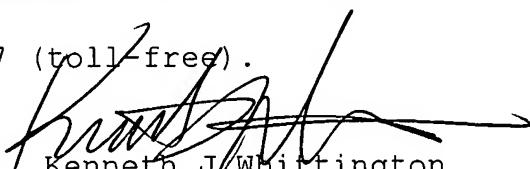
A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this 14 action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, 21 however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kenneth J. Whittington whose telephone number is (571) 272-2264. The examiner can normally be reached on Monday-Friday, 7:30am-4:00pm.

If attempts to reach the examiner by telephone are 7 unsuccessful, the examiner's supervisor, Edward Lefkowitz can be reached on (571) 272-2180. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications 14 may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Kenneth J. Whittington  
Examiner  
Art Unit 2862